

भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 42] नई दिल्ली, शनिवार, अक्तूबर 21, 1989, (अश्विन 29, 1911)
No. 42] NEW DELHI, SATURDAY, OCTOBER 21, 1989 (ASVINA 29, 1911)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III--SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 21st October 1989
ADDRESS AND JURISDICTION OF OFFICES OF

THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, III Floor, Lower Parel (West),
Bombay-400 013.

Telegraphic address "PATOFFICE".

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

Telegraphic address "PATENTOFIC".

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union

Territories of Chandigarh and Delhi.
Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

Telegraphic address "PATENTOFIS".

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Patent Office (Head Office),
"NIZAM PALACE", 2nd M. S. O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Telegraphic address "PATENTS".

Rest of India.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकसूत्र तथा आभिकल्प

कलकत्ता, दिनांक 21 अक्टूबर 1989

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडो इस्टेट
तीसरी तल, लोअर परले (पश्चिम),
बम्बई-400013.

तार पता—“पेटेंटोफिस”

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, वामन तथा
बिब एवं दावरा और नगर हवेली ।

पेटेंट कार्यालय शाखा,
एक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोलबाग,
नई दिल्ली-110005 ।

तार पता—“पेटेंटोफिक”

हरियाणा, हिमाचल प्रदेश, जम्मू तथा
कश्मीर, पंजाब, राजस्थान तथा उत्तर
प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र
चंडीगढ़ तथा दिल्ली ।

पेटेंट कार्यालय शाखा,
61, वालाजह रोड,
मद्रास-600 002.

तार पता—“पेटेंटोफिस”

आंध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिक्का तथा एमिनिदिबि द्वीप ।

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7 वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-7000 20.

तार पता—“पेटेंटस”

भारत का अवशेष क्षेत्र

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख
पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए
जायेंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जायेगी
अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश
अथवा डाक आदेश या जहाँ उपयुक्त कार्यालय अवस्थित है;
उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक
ड्राफ्ट अथवा चेक द्वारा की जा सकती है ।

CORRIGENDUM

In the Gazette of India Part III Section-2 dated 29th April 1989 in Page No. 410 Column-1 under heading “Cessation of Patents”,

Delete No.
148573

Read No.
148572.

In the Gazette of India Part III Section 2 dated 22nd April 1989 in page No. 383 column 2 under heading “Cessation of Patents”,

Delete No. 148383.

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-20

The dates shown in the crescent brackets are the dates
claimed Under Section 135, of the Patents Act, 1970.

The 14th September 1989

754/Cal/89. Franz Plasser Bahnbaumaschinen Industrieses-
ellschaft m.b.H. A track maintenance machine
with a track stabilizer.

755/Cal/89. Francesco Pianetti. Bimetallic spiral inter-
uterine device.

756/Cal/89. John M Kent. Method and apparatus for using
hazardous waste to form non-hazardous aggre-
gate.

The 15th September 1989

757/Cal/89. Krupp Widia GmbH. Hard metal.

758/Cal/89. Skw Trostberg Aktiengesellschaft. Agent for
desulphurising iron melts, a Process for the pro-
duction thereof and a process for desulphurising
iron melts with the use of said agent.

759/Cal/89. Kelsey-Hayes Company. Vehicle anti-lock
brake system.

760/Cal/89. Emittee Gesellschaft fur Emissionstechnologie
MbH. A crankshaft with hollow pins.

The 18th September 1989

761/Cal/89. Stockham Valve Australia Pty. Ltd. Check
Valve.

762/Cal/89. Pennwalt Corporation. Purification of alka-
nesulfonic acids using ozone.

- 763/Cal/89. Pennwalt Corporation. Purification of alk-sulfonyl chlorides.
- 764/Cal/89. Tatra, Kombinat Koprivnice. A steered driven swinging half axle suspension for a motor vehicle.
- 765/Cal/89. Glitsch, Inc. Liquid distributor assembly for packed tower.
- 766/Cal/89. E. I. Du Pont De Nemours & Company. Composite chemical barrier fabric.
- The 19th September 1989
- 767/Cal/89. L-Tec Company. Method and Apparatus for Low voltage plasma arc cutting.
- 768/Cal/89. Emitec Gesellschaft fur Emissionstechnologie MbH. An assembled shaft.
- 769/Cal/89. Clean-Park, Inc. Absorbant pad and method for constructing same.
- 770/Cal/89. Cadbury Schweppes Proprietary Ltd. Method of manufacturing dry composition suitable for use in water to reduce bacterial content.

[Divisional dated 23rd October, 1986].

ALTERATION

- 165445 Ante-dated to 20th January, 1984. (655/Cal/1987).
- 165448 Ante-dated to 15th November, 1983. (779/Cal/1987).

OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. Remsons Industries Limited, Bombay-400 067 to the grant of a patent on application No. 164520 made by Mr. Krishnakumar Rameshwar Trivedi, Nagpur-440 012.

An opposition has been entered by M/s. Hind Ceramics Limited to grant of a patent on application No. 164603 (948/Del/855) dated 14th November, 1985 made by Sulzer Brothers Limited.

An opposition has been entered by Dr. S. L. Kolhatkar to grant of a patent on application No. 164603 (948/Del/85) dated 14th November, 1985 made by Sulzer Brothers Limited.

An opposition has been entered by Dr. Nilachal Sahoo to grant of a patent on application No. 164603 (948/Del/85) dated 14th November, 1985 made by Sulzer Brothers Limited.

PATENTS SEALED

161882 162033 164236 164237 164264 164266 164268
164271 164272 164280 164284 164286 164287 164288
164289 164290 164303.

CAL = 1.
MAS = 7.
DEL = 6.
BOM = 3.

AMENDMENT PROCEEDING UNDER SECTION 57

The amendment proposed by UNIE VAN KUNSTMEST-FABRIEKAN B. V. in respect of Patent Application No. 162235 as advertised in Part III, Section 2 of the Gazette of India, dated the 20th August, 1988 has been allowed.

The amendments proposed by Enichem Palimeri S. P. A. in respect of Patent No. 161008 as advertised in Part III Section 2 of the Gazette of India, dated the 15th April 1989 have been allowed.

RENEWAL FEES PAID

144230 144951 145463 145819 145951 146108 146281
146792 146890 146898 146899 146964 147297 147471
147559 148894 149228 150315 150801 151124 151853
151992 152357 152530 152825 152921 153139 153194

153271 153297 153712 153940 154222 154223 154258
154445 154446 154547 154674 154801 154967 155091
155456 155485 155551 155704 156301 156315 156451
156935 156999 157001 157080 157236 157402 157795
157989 158243 158379 158404 158497 158730 159098
159169 159423 159449 159450 160230 160719 160798
160853 161402 161470 161552 161558 161624 161750
161944 162152 162425 162664 162716 162720 162741
162750 162829 162830 162842 162846 162968 163083
163091 163099 163225 163229 163309 163380 163459
163748 163793 163898 164014 164120 164252 164254
164258 164339 164341.

NAME INDEXES OF APPLICANTS FOR PATENTS FOR THE MONTH OF OCTOBER, 1988 (NOS. 813/Cal/88 TO 909/Cal/88, 278/Bom/88 TO 302/Bom/88, 684/Mas/88 TO 760/Mas/88 AND 838/Del/88 TO 938/Del/88)

Name & Appln. No.

A

AB Trama.—843/Cal/88.
A. H. Robins Company Incorporated.—719/Mas/88.
Agarwal, O. P.—931/Del/88.
Agustin Arana Frana.—819/Cal/88.
Akebono Brake Industry Co. Ltd.—706/Mas/88.
Alcan International Ltd.—843/Del/88.
Allegheny Ludlum Corporation.—936/Del/88.
Alleward Industries.—842/Del/88.
Allied Signal Inc.—846/Del/88, 923/Del/88.
Alstom.—893/Del/88.
American Sterilizer Co.—858/Del/88, 859/Del/88, 860/Del/88.
Amsted Industries Incorporated.—704/Del/88, 705/Del/88.
Andrie Dmitrievich Plotnikov USSR.—824/Cal/88.
Apricot S. A.—867/Cal/88.
Austimont S.r.l.—880/Cal/88, 881/Cal/88.

B

Basf Aktiengesellschaft.—687/Mas/88.
BBC Brown Boveri AG.—716/Mas/88.
BP Chemicals Ltd.—895/Del/88.
Babcock & Wilcox Co. The.—904/Cal/88.
Bakeri, A. A.—278/Bom/88.
Bal, S. Prof.—848/Cal/88.
Balachandar, P.—709/Mas/88.
Battella Memorial Institute.—747/Mas/88, 748/Mas/88, 749/Mas/88.
Belorussky Politekhichesky Institut USSR.—907/Cal/88.
Bhambure, A.R.—282/Bom/88.
Biolandes.—891/Del/88.
Birmani, B. L., Lt. Col.—873/Del/88, 874/Del/88.
Birmani M. K.—873/Del/88, 874/Del/88.
Birmani, R. (Miss).—873/Del/88, 874/Del/88.
Birmani, S. (Mrs.).—873/Del/88, 874/Del/88.
Bisarya, S. C.—925/Del/88.
Bose, V. J.—723/Mas/88.
Brita Wasser-Filter-Systeme GmbH.—887/Cal/88, 888/Cal/88.
British Pipe Coaters Limited.—862/Del/88.

Name & Appln. No.

C

- Catrol S. A. Soceiete d' Etudes et d' Applicationy Industrilles.—896/Cal/88.
 Caul Anton Nyston.—890/Cal/88.
 CEDA SpA Costruzioni Electromeccanichee Dispositivi d' Automazione.—832/Cal/88.
 Chittal, N. R.—288/Bom/88, 289/Bom/88.
 Coal Industry (Patents) Limited.—869/Del/88.
 Coffey, M.—871/Cal/88, 872/Cal/88, 901/Cal/88.
 Cogent Limited.—735/Mas/88.
 Colgate-Palmolive Co.—888/Del/88.
 Compagine De Raffinage Et De Distribution Total France S. A.—850/Cal/88.
 Compagnie Generale des Etablissements Michelin.—711/Mas/88.
 Compagnie Industrielle De Tubes Et Lampes Ele triques CITEI.—863/Del/88.
 Congoleum Corporation.—690/Mas/88.
 Contec-Chemicanlagen GmbH.—875/Cal/88.
 Copeland Corporation.—905/Cal/88.
 Council of Scientific & Industrial Research.—840/Del/88, 870/Del/88, 906/Del/88, 907/Del/88, 908/Del/88, 909/Del/88, 910/Del/88, 911/Del/88, 912/Del/88, 913/Del/88, 917/Del/88, 918/Del/88, 919/Del/88.
 Courtaulds Films & Packaging (Holdings) Limited.—922/Del/88.
 Cyprus Industrial Minerals Co.—821/Cal/88.

D

- Dr. Ing. Koenig AG.—847/Cal/88.
 Daidotokushuko Kabushiki-kaisha.—849/Cal/88.
 Danny Filipovich.—937/Del/88.
 Denis, J. P.—855/Del/88.
 Dennison Manufacturing Co.—897/Del/88.
 Designer Premises Inc.—908/Cal/88.
 Devilbis Co. The.—933/Del/88.
 Donetsk Politekhicheskoy Institut USSR.—826/Cal/88.
 Dow Chemical Co. The.—740/Mas/88.
 Draper Felt Co., Inc. The.—695/Mas/88.
 Drolia Fuels Pvt. Ltd.—837/Cal/88.
 Dutta S. Dr.—841/Cal/88.
 Dutta, S. (Mrs.) Dr.—841/Cal/88.
 Dyneema V.o.F.—697/Mas/88, 701/Mas/88.

E

- E. I. Du Pont De Nemours and Company.—838/Cal/88, 839/Cal/88, 863/Cal/88, 902/Cal/88.
 Eduard Kusters Maschinenfabrik GmbH & Co. KG.—744/Mas/88.
 Emhard Industries, Inc.—852/Del/88.
 Enichem Agriculture SpA.—693/Mas/88.
 Eniricerche S p A.—743/Mas/88.
 Escorts Limited.—858/Del/88.
 Exxon Research & Engineering Company.—879/Del/88, 880/Del/88, 881/Del/88, 882/Del/88, 883/Del/88, 884/Del/88.

Name & Appln. No.

F

- F. I. C. I. Finanziaria Industriale Commerciale Immobiliare S.P.A.—849/Del/88.
 F. I. Smidth & Co. A/S.—718/Mas/88.
 Fidia S. P. A.—829/Cal/88, 830/Cal/88.
 Filial Vesesojuznogo Flektrotekhnicheskogo Instituta Imeni V. I. Lenina USSR.—884/Cal/88.
 Fischer, H. A.—879/Cal/88.
 Forster, F.—882/Cal/88.
 Fosroc International Ltd.—935/Del/88.
 Franz Plasser Bahnabomaschinen-Industriege-Sellschaft M.B.H.—853/Cal/88.
 Fried Krupp Gesellschaft Mit Beschränketer Haftung.—893/Cal/88.

G

- GKN Technology Ltd.—841/Del/88.
 Gambhir, S. R.—294/Bom/88.
 Gaudfrin, G.—850/Del/88.
 General Electric Co.—835/Cal/88, 899/Cal/88.
 General Food Corporation.—861/Del/88, 915/Del/88, 934/Del/88.
 Glaxo Inc.—689/Mas/88.
 Greenwals, E. H. Sr.—866/Cal/88.
 Grigory Naumovich Klotsvog-USSR.—824/Cal/88.
 Guha, A. R.—831/Cal/88.
 Gupta, J. P.—875/Del/88.
 Gupta, M. M. L.—905/Del/88.

H

- Hanno Rang (Dipl.-Ing).—840/Cal/88.
 Harrier GmbH.—899/Del/88, 902/Del/88.
 Harris Corporation.—833/Cal/88.
 Hawkins Cookers Ltd.—292/Bom/88.
 Heinz Georg Baus.—891/Cal/88.
 Helimuth Costard.—828/Cal/88.
 Hindustan Lever Ltd.—283/Bom/88, 284/Bom/88, 293/Bom/88.
 Hoechst Aktiengesellschaft.—885/Cal/88, 886/Cal/88.
 Huntington, M. L.—894/Cal/88.
 Hussain, S. Q.—904/Del/88.
 Hussain, G. D. J.—867/Del/88.

I

- Indian Drugs & Pharmaceuticals Ltd.—845/Del/88.
 Indian Institute of Technology.—848/Cal/88.
 Indian Space Research Organisation (I.S.R.O.).—715/Mas/88.
 Indupack Ag.—878/Cal/88.
 Institut Elektrosvarki Imeni E. O. Patona Akademii Nauk Ukrainoi SSR.—845/Cal/88.
 Institut Francais Du Petrole.—710/Mas/88, 738/Mas/88.
 Interactive Systems, Incorporated.—877/Cal/88.
 International Business Machines Corporation.—854/Del/88.
 International Development Research Centre.—896/Del/88.
 International Mobile Machines Corporation.—927/Del/88.
 Intersteel Technology Inc.—851/Cal/88.
 Iznevskoe Proiz Vodstvennoe Obiedinenie "Reduktor" USSR.—822/Cal/88.

Name & Appln. No.	Name & Appln. No.
J	
Jacobs Suchard AG.—751/Mas/88.	Nauchno-Proizvodstvenoe Obiedinenie Po Sozdaniju I Vypusku Sredstv Avtomatizatsii Gornyx Mashin.—823/Cal/88.
Jaswal, R. S.—285/Bom/88.	Nauchno-Proizvodstvennoe Obiedinenie Reduktorostroenia USSR.—822/Cal/88.
Johnson & Johnson.—813/Cal/88.	New Engineering Enterprises.—886/Del/88.
K	
Kadarundalige Sitaramdas Gururaja Doss.—726/Mas/88.	Nikolai Pavlovich Popov USSR.—824/Cal/88.
Kafley O. C.—817/Cal/88.	Nimbkar Agricultural Research Institute.—839/Del/88.
Kar, S.—895/Cal/88.	Noisk Hudio A. S.—853/Del/88.
Keystone International, Inc.—852/Cal/88.	Norsolor.—818/Cal/88.
Khamrai, A.—848/Cal/88.	Nukem GmbH.—815/Cal/88.
Khanna, S. S.—286/Bom/88, 287/Bom/88.	
Khosla Engineers.—885/Del/88, 903/Del/88.	O
Kinariwala, S. N.—838/Del/88.	Ocutech.—857/Cal/88.
Kolpinskoe Otdelenie Vsesojuznogo Nauchno-Issledovatel'skogo i Proektno-Konstruktor'skogo Instituta Metallurgicheskogo Mashinostroenia Nauchno-Proizvodstvennogo Obiedinenia "Vniimetmash".—844/Cal/88.	Officine Meccaniche Rivasrl.—713/Mas/88.
Kortec AG.—834/Cal/88.	Otto Zollinger, Inc.—877/Del/88.
Kothari, P. N.—270/Bom/88.	Owens-Illinois Plastics Product Inc.—688/Mas/88.
Kothari, S. D.—279/Bom/88.	Oy, E.—842/Cal/88.
Krone Aktiengesellschaft.—903/Cal/88.	Oy, R. R.—842/Cal/88.
Kumar Process Consultants & Chemicals Pvt.—302/Bom/88.	
Kumar, V. A.—708/Mas/88.	P
L	
Levin, H.—894/Cal/88.	Pall Corporation, The.—733/Mas/88.
Liaisons Electroniques-Mechaniques Lem SA.—692/Mas/88.	Pandrol Ltd.—889/Del/88, 890/Del/88, 892/Del/88, 898/Del/88.
Loctite Corporation.—872/Del/88.	Pannalal, N.—291/Bom/88.
Lohman, R.—843/Cal/88.	Parameswaran, K.—925/Del/88.
Loram Maintenance of way, Inc.—873/Cal/88.	Parikh, R. H.—298/Bom/88.
Lubrizol Corporation, The.—924/Del/88.	Patel, A. R.—299/Bom/88.
Lucas Industries PLC.—938/Del/88.	Paul Wurth S. A.—901/Del/88.
Lyphomed, Inc.—876/Cal/88.	Pennwalt Corporation.—864/Cal/88.
M	
MWB Messwandler-Bau Aktiengesellschaft.—892/Cal/88.	Pfizer Inc.—921/Del/88.
Mag Instrument, Inc.—836/Cal/88.	Poclain Hydraulics.—864/Del/88.
Maiti, S. Prof.—848/Cal/88.	Politechnika Worslawska.—860/Del/88.
Manus Coffey.—871/Cal/88, 872/Cal/88, 901/Cal/88.	Pont-A-Mousson S. A.—851/Del/88.
Maschinenfabrik Rieter Ag.—750/Mas/88.	Protector & Gamble Co. The.—894/Del/88.
Mathew, P. K.—756/Mas/88.	Proizvodstvennoe Obiedinenie "Nevsky Zavod" Imeni V. I.
Memminger GmbH.—900/Cal/88.	Pro-Neuron, Inc.—754/Mas/88, 755/Mas/88.
Merz, K.—848/Del/88.	Protector & Gamble Co., The.—857/Del/88.
Miracle Enterprises Ltd.—721/Mas/88.	Punjab Tractors Ltd.—866/Del/88.
Mitsubishi Denki Kabushiki Kaisha.—742/Mas/88.	
Mobil Oil Corporation.—707/Mas/88.	R
Mogilvsky Mashinostroitelny Institut USSR.—827/Cal/88.	R. W. Simon Ltd.—887/Del/88.
Monsanto Company.—717/Mas/88.	Rajam, M. V. Dr.—856/Del/88.
Mukherji, K.—290/Bom/88.	Rajvanshi, A. K.—839/Del/88.
Mukherjee, S. K.—865/Cal/88.	Ranghachary, K. A.—685/Mas/88, 686/Mas/88.
N	
Nagel, P.—758/Mas/88.	Rao, R.—925/Del/88.
National Council for Cement & Building Materials.—865/Mas/88.	Rao, T. D.—752/Mas/88.
	Reychem Ltd.—684/Mas/88.
	Rhone-Poulenc Chimie, 712/Mas/88.
	Romostar Corporation.—731/Mas/88, 732/Mas/88.
	Rostovsky Gosudarstvenny Universitet Imeni M. A. Suslova-USSR.—822/Cal/88.

Name & Appln. No.

S

- SA Narine AS.—720/Mas/88, 734/Mas/88.
 Sanden Corporation.—871/Del/88.
 Santa Barbara Research Center.—868/Del/88.
 Satake Engineering Co., Ltd.—861/Cal/88, 862/Cal/88.
 Schaeffer, H. A.—854/Cal/88, 855/Cal/88, 856/Cal/88.
 Schubert & Salzer Maschinenfabrik Aktiengesellschaft.—714/Mas/88, 759/Mas/88, 760/Mas/88.
 Secretary of State for Trade & Industry in her Britannic Majesty's Government of the United Kingdom of Great Britain & Northern Ireland, The.—859/Del/88.
 Sharma, B. a. V. K.—727/Mas/88.
 Shetty, K. P. K.—746/Mas/88.
 Siemens Aktiengesellschaft.—814/Cal/88, 874/Cal/88, 897/Cal/88, 898/Cal/88.
 Singh, P. P. Dr.—844/Del/88.
 Slack, N.—871/Cal/88, 872/Cal/88, 901/Cal/88.
 Snamprogetti SpA.—743/Mas/88.
 Societe De Conseils De Recherches ET D'.—926/Del/88, 928/Del/88, 929/Del/88.
 Sood, B.—876/Del/88.
 Stamicarbon BV.—698/Mas/88, 699/Mas/88, 700/Mas/88, 702/Mas/88.
 Standard Oil Co., The.—916/Del/88.
 State of Israel.—694/Mas/88.
 Steve Fcher.—722/Mas/88.
 Subramaniam, K. G.—691/Mas/88.
 Sundararayanan, S.—745/Mas/88.
 Swiss Aluminium Ltd.—739/Mas/88.

T

- Tank, M. P.—295/Bom/88, 296/Bom/88, 300/Bom/88, 301/Bom/88.
 Tecumseh Products Co.—724/Mas/88, 725/Mas/88, 728/Mas/88, 729/Mas/88, 730/Mas/88.
 Thaikkattil, J. Dr.—757/Mas/88.
 Thiruppathy, V. V. T.—741/Mas/88.
 Trade & Industry Private Ltd.—909/Cal/88.
 Treco Incorporated.—736/Mas/88, 737/Mas/88.
 Trylon Associates Ltd.—816/Cal/88.
 Tsentralny Nauchno-Issledovatel'sky Geologorazvedochny Institut Tsvetnykh I Blagorodnykh Metallov (TsNigri).—906/Cal/88.

U

- Uddeholm Tooling Aktiebolag.—703/Mas/88.
 Ugale, A.G.—297/Bom/88.
 Ugale, G. H.—297/Bom/88.
 Ukrainsky Filial Tsentalnogo etc.—827/Cal/88.
 Union Carbide Corporation.—753/Mas/88.
 Uniroyal Chemical Co., Inc.—900/Del/88, 932/Del/88.
 Universitet Druzlyby Norodov Imeni Patrisa Lumumby USSR.—825/Cal/88.

V

- Valadares, J.A.—280/Bom/88.
 Vertran Manufacturing C. Co.—920/Del/88.
 Voest-Alpine Maschinenbau Gesellschaft M.B.H.—868/Cal/88, 869/Cal/88, 870/Cal/88.
 Vsesojuzny Nauchno-Issledovatel'sky I Konstruktorsky Institut Molochnoi Promyshlennosti, USSR.—884/Cal/88.
 Vsesojuzny Nauchno-Issledovatel'sky I Proektny Institut Aluminiyevoy, Magniyevoi I Elektrodoznoi Promyshlennosti.—847/Del/88, 914/Del/88.

W

- Wagh, A.S.—281/Bom/88.
 Weinwurm, P.—882/Cal/88.
 Werding.—889/Cal/88.
 Wge Waste Energy AB.—930/Del/88.
 White Consolidated Industries, Inc.—883/Cal/88.
 Williams Hi-Tech International Pty. Ltd.—878/Del/88.
 Woroclawska, P.—860/Del/88.

Y

- Yoo, Y. H.—820/Cal/88.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो के भीतर कभी नियंत्रक, एकत्र को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी

लिखित वक्तव्य; उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तराष्ट्रीय वर्गीकरण के अनुरूप है।”

नीचे सूची गत विनिर्देशों की सीमित संख्या में मुद्रित प्रतियां, भारत सरकार बुक डिपो, 8 किरण संकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है। (यदि भारत के बाहर भेजे जाएं तो/अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों; के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता, द्वारा विहित लिप्यान्तरण प्रभार (उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अवश्यगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिचालन किया जा सकता है।

CLASS : 165441
Int. Cl. : D01 g 15/00.

CARD WIRE FITTING PARTICULARLY FOR COMBING MACHINES, CARDING MACHINES, ETC.

Applicant : STAEDTLER & UHL, NORDLICHE RINGSTRASSE 12, D-8540 SCHWABACH, FEDERAL REPUBLIC OF GERMANY.

Inventor : JOSEF EGERER.

Application No. 416/Cal/1987 filed May 25, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

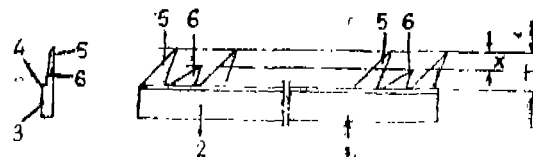
7 Claims

A card wire fitting particularly for combing machines, carding machines or the like, comprising :

a serrated punching member or a plurality of serrated punching members, of which each one has a foot member used for holding on a supporting body and one or a plurality of teeth extending away from (this and inclined in the direction of processing (D);

the tips of which teeth exhibit relative to the foot member a predetermined distance defined as tip height (H);

characterised in that, when seen perpendicularly relative to the direction of processing (D) for the time being, the teeth (5, 6) of the serrated punching members (1, 8, 9, 10, 11, 19, 22, 23) have at least two differing tip heights (H).



Compl. specn. 17 pages

Drg. 3 sheets

CLASS : 85-J

165442

Int. Cl. : F 27 d 1/16.

TUYERE FOR FLAME-JET GUNTING OF A METALLURGICAL UNIT.

Applicant : VSESOJUZNY GOSUDARSTVENNY INSTITUT NAUCHNO-ISSLEDOVATELSKIKH I PROEKTYKH RABOT OGNEUPORNOI PROMYSHLENNOSTI, OF LENINGRAD, NABEREZHNYAYA MAKAROVA, 2, USSR.

Inventors : (1) OLEG NIKOLAEVICH CHERMERIS, (2) LZRAIL ABRAMOVICH JUZEFOVSKY, (3) IGOR PAVLOVICH TSIBIN, (4) ALEXANDR ALEXANDROVICH SHERSHNEV, (5) TAMARA PETROVNA BUGRI, (6) MIKHAIL VASILIEVICH MALAKHOV, (7) RAFIK SABIROVICH AIZATULOV, (8) LEV MIKHAILOVICH UCHITEL, (9) ALEXI SERGEEVICH NJUNYAEV, (10) MIKHAIL MIKHAILOVICH KLOCHNEV, (11) JURY VASILIEVICH KRJUKOV, (12) JURY ARKADIEVICH MARAKULIN, (13) IGOR IVANOVICH BASALAEV, (14) VASILY SERGEEVICH KHARAKHULAKH, (15) ANATOLY ANDREEVICH CHVILEV, (16) PAVEL ALEXANDROVICH KADUBA, (17) ALEXANDR STANISLAVOVICH PLISKANOVSKY, (18) VALENTIN DMITRIEVICH SURZHENKO.

Application No. 492/Cal/87 filed June 23, 1987.

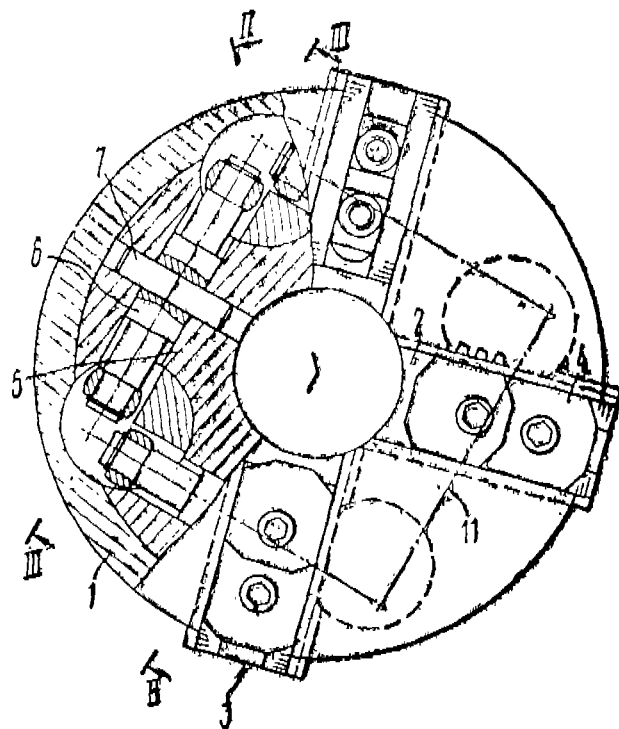
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

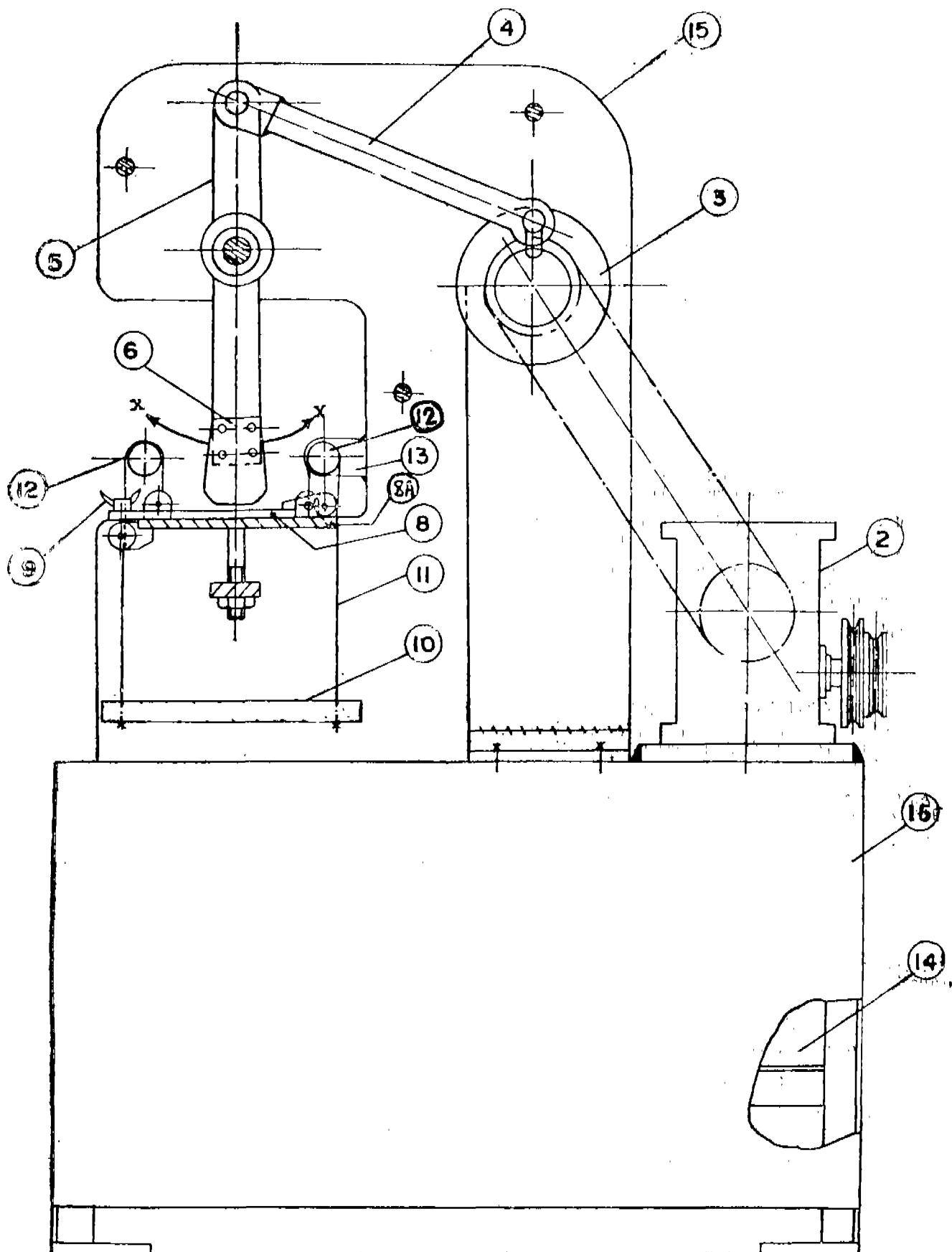
A tuyers for flame-jet gunting of a metallurgical unit lined with refractory material, comprising a cooled casing accommodating coaxial pipelines for supplying gunting composition and oxygen into the interior of the unit, and having at least one nozzle for supplying gunting composition to the lining area being latched communicating with the pipeline for supplying gunting composition and located on the peripheral wall of the tuyere adjacent to the end thereof in parallel with the pipeline axis, and nozzles for supply oxygen to the lining area being patched communicating with the oxygen supply pipeline, wherein the oxygen

A technical drawing of a multi-layered cylindrical structure, likely a cable or a composite material. The structure consists of several concentric layers, labeled 1 through 6. Layer 1 is the outermost, followed by layers 2, 3, 4, 5, and 6. The layers are shown in cross-section, revealing their internal structure. A central assembly is shown, consisting of three rectangular blocks labeled III, IV, and V. Block III is at the top, IV is in the middle, and V is at the bottom. These blocks are connected by a central vertical line. The entire assembly is shown within a conical field of view, with angles α and α' indicated at the bottom. The drawing is a black and white line drawing with hatching used to indicate different materials or sections.

said clamping jaws being adapted to receive therein the ends of the arms of the adjacent levers, forming a closed force circuit.



a sample holding platform for immovably gripping a test sample which is adapted to be held in juxtaposition relative to the striking jaw whereby, during operation, the striking jaw is allowed to strike the test sample.



CLASS : C 07 c 143/70

165445

PROCESS FOR THE MANUFACTURE OF 4-CHLOROPHENYL-SULFONYL COMPOUNDS.

Applicant : HOECHST AKTIENGESSELLSCHAFT, OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventor : THEODOR PAPENFUHS.

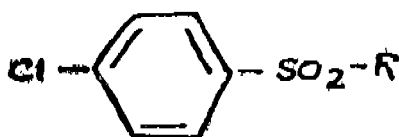
Application No. 655/Cal/1987 filed August 19, 1987.

Divisional of Application No. 41/Cal/1984 Anti-dated to 20th January, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A process for the preparation of 4-chlorophenylsulfonyl compound of Formula 1 of the accompanying drawings :



Wherein R is chlorine which comprises reacting chlorobenzene, chlorosulfonic acid and thionyl chloride characterized in that the said reaction is carried out by slowly reacting 1 mol of chlorobenzene with a mixture of 1 mol or a slight excess of chlorosulfonic acid and 1 mol or a slight excess of thionylchloride at a temperature of 20 to 90°C provided that the reaction mixture always remains a liquid, optionally in the presence of a hydrogen chloride acceptor commonly used.

Compl. specn. 16 pages

Drg. 1 sheet

Int. CLASS : A 23 f 3/00; B 62 d 25/00

165446

A SUPERSTRUCTURE SUITABLE FOR TRANSPORTING BULK MATERIALS PARTICULARLY GREEN TEA LEAVES.

Applicant & Inventor : RANJIT CHALIHA, OF MELAKAKAR, P.O. SIBSAGAR-785640, ASSAM, INDIA.

Application No. 675/Cal/1987 filed August 28, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

30 Claims

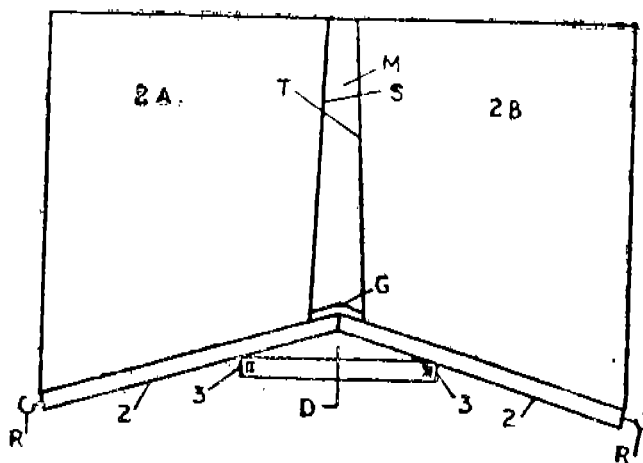
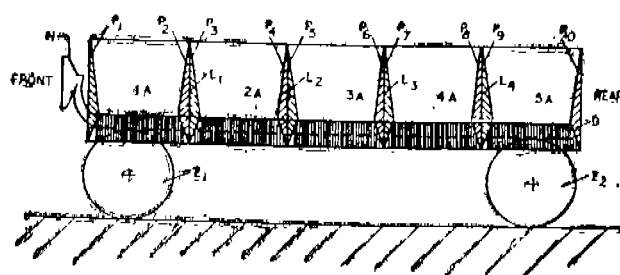
A superstructure suitable for transporting bulk materials, particularly green tea leaves comprising :

a main body having an open top hold adapted to be mounted on the chassis members of the trailer or truck or other vehicle;

said main body being sub-divided into a plurality of compartments by the placement of longitudinal and transverse partitions at intervals whereby an air gap is left between the adjacent compartments;

each compartment being provided at its outer side with at least one discharge door adapted to be opened outwardly and capable of being kept closed during loading and transportation;

each said compartment being provided with a slanted base which is inclined downwardly towards said discharge door of the compartment, whereby the slanted base of each compartment is provided with a downward rolling bias towards the discharge door of that compartment.



Compl. specn. 25 pages

Drg. 4 sheets

Int. CLASS : C 12 n 1/00

165447

METHOD OF PREPARING DENSE NUTRIENT MEDIUM FOR CULTIVATING MICROORGANISMS.

Applicant : KIEVSKY MEDITSINSKY INSTITUT IMENI AKADEMIKA A.A. BOGOMOLTSYA, OF KIEV, BULVAR T.G. SCHEVCHENKO, 13, USSR.

Inventors : (1) VLADIMIR VLADISLAVOVICH GASHINSKY, (2) TATYANA IVANOVNA KRAINJUKOVA, (3) NATALYA VLADIMIROVNA KOKOSHA, (4) LIDIA PETROVNA PIVOVAEVICH.

Application No. 755/Cal/1987 filed September 23, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A method of preparing a dense nutrient medium for cultivating microorganisms, comprising radical copolymerization of acrylamide, N, N'-methylene-bis-acrylamide, and polyvinyl alcohol at a mass ratio thereof of (15-20) : (0.019-0.132) : (1.0-3.0) in a physiological salt solution up to the formation of a gel washing and swelling to 3.5-5 times in mass of the gel in the physiological solution, impregnation of the gel with a nutrient substrate.

Compl. specn. 16 pages

Drg. Nil

CLASS : 17-A₂; 17E

165448

Int. Cl. : C 12 b 1/00; C 12 c 11/00.

A CONTINUOUS PROCESS FOR FERMENTATION.

Applicant : K F ENGINEERING CO., LTD., OF 2-27-10, HITACHOBORI, CHUO-KU, TOKYO, JAPAN.

Inventors : (1) HIROSHI TAKADA, (2) YUJIRO HARDA, (3) TATSUMI SEKI, (4) YASUHIRA YAMASHITA, (5) MIKITO IKEDA.

Application No. 779/Cal/1987 filed October 06, 1987.

Divisional of Application No. 1398/Cal/1983 Anti-dated to 15th November, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claims

A continuous process for fermentation comprising charging in the reactor the immobilised microbial cells or immobilised enzymes of varying specific gravity, prepared in a known manner, and feeding the culture medium for said fermentation therein continuously, wherein the specific gravity of said immobilised microbial cells or immobilised enzymes is so adjusted that the latter remain substantially in the fluidised state in said culture medium.

Compl. specn. 12 pages

Drg. Nil

Int. CLASS : B 01 j 8/00, 14/00

165449

APPARATUS FOR REMOVING SULFUR FROM ORGANIC POLYSULFIDES.

Applicant : PENNWAIT CORPORATION, OF PENN-WAIT BUILDING, THREE PARKWAY, PHILADELPHIA, PENNSYLVANIA 19102, U.S.A.

Inventor : JEFFREY H. YEN.

Application No. 819/Cal/1987 filed October 21, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A multistage continuous countercurrent flow extractor for removing sulfur from an organic polysulfide of high sulfur rank comprising :

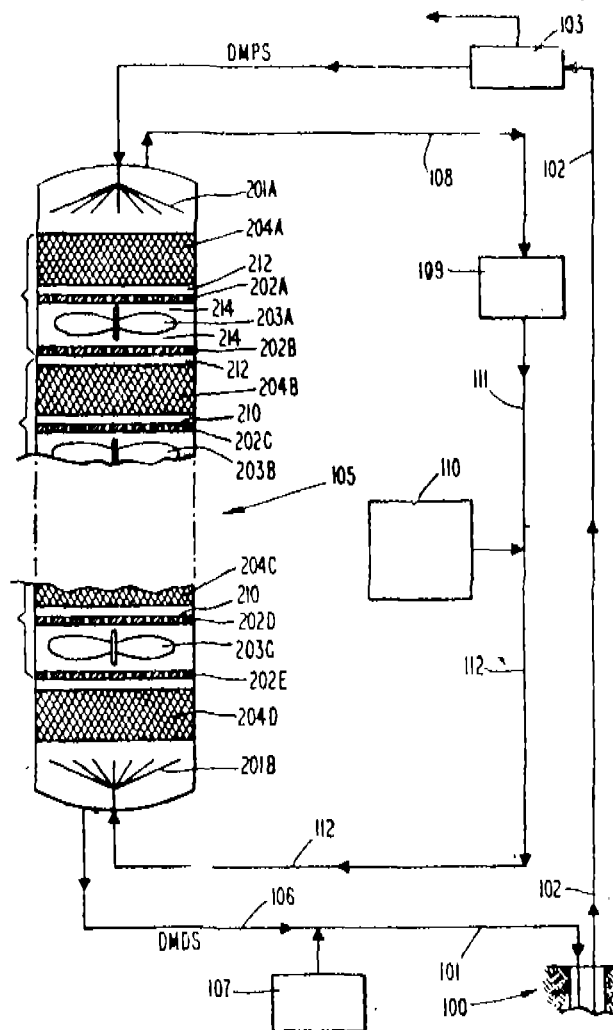
a vertical column having a heavier liquid inlet at a first end and a lighter liquid inlet at a second end, said first end having an outlet for the lighter liquid after it traverses upwardly the length of said column and said second end having an outlet for the heavier liquid after it traverses downwardly the length of said column, the liquids being immiscible;

distributor means interiorly adjacent each of said first and second ends and associated with said inlets for uniformly dispersing across a transverse cross-sectional area of the column each of the heavier and lighter liquids respectively;

a plurality of successive similar stages disposed longitudinally within said column between each of said distributor means, each of said stages including components spaced from each other and from adjacent stages, each of said stages sequentially comprising :

- a horizontally disposed packing section free of fluid-flow baffling means,
- first redistributor means substantially horizontally coextensive with said packing section,
- rotary agitating means, and
- second redistributor means substantially horizontally coextensive with said packing section; and

a final packing section below and adjacent to said second redistributor means of the final stage.



Compl. specn. 19 pages

Drg. 1 sheet

Int. CLASS : C 07 c 127/00

165450

A PROCESS FOR THE PREPARATION OF A COMPOUND N-(2, 6-DIFLUOROBENZOYL)-N'-3-CHLORO-4-[1, 1, 2-TRIFLUORO-2-(TRIFLUOROMETHOXY) ETHOXY] PHENYL UREA.

Applicant : ISTITUTO GUIDO DONEGANI S.P.A., OF VIA CADUTI DEL LAVORO, 28100, NOVARA, ITALY.

Inventors : (1) PIETRO MASSARDO, (2) FRANCO RAMA, (3) PAOLO PICCARDI, (4) VINCENZO CAPRIOLI.

Application No. 982/Cal/1987 filed December 17, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim

A process for the preparation of a compound N-(2,6-difluorobenzoyl)-N'-3-chloro-4-[1, 1, 2-trifluoro-2-(trifluoromethoxy)ethoxy] phenyl urea, consisting essentially in reacting in an inert solvent and at a temperature ranging from 0°C and the boiling temperature of the reaction mixture, 2, 6-difluorobenzoyl isocyanate with 3-chloro-4-[1, 1, 2-trifluoro-2-(trifluoromethoxy)-ethoxy] aniline.

Compl. specn. 12 pages

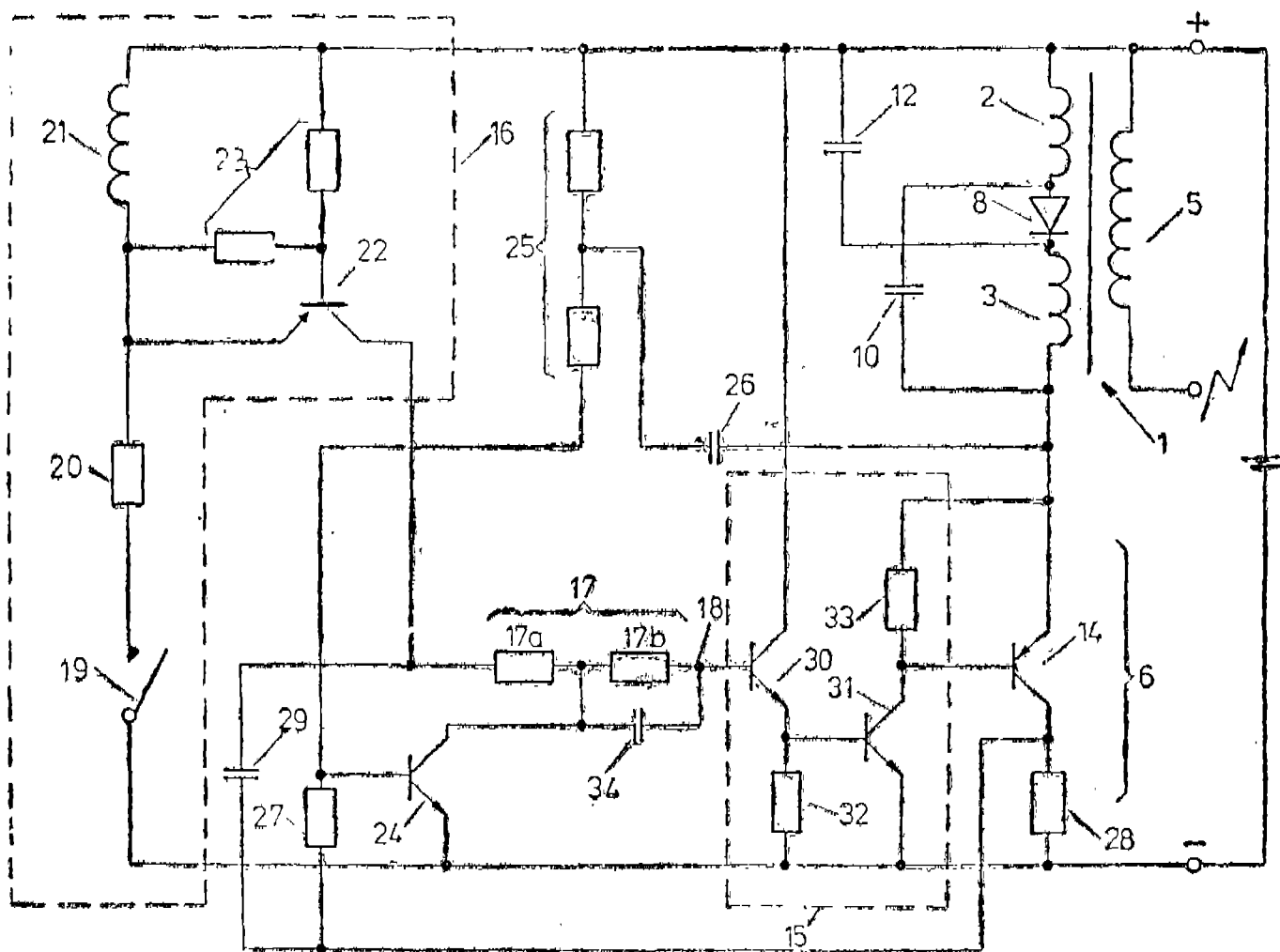
Drg. 2 sheets

165451

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

a transformer, a secondary winding and at least two primary windings of said transformer, said primary windings, a diode arranged between the primary windings and a switching circuit area serially connected; said series circuit is connected to a voltage source and the diode is inserted in forward direction in respect of the polarity of

the voltage source, a capacitor is connected to the common terminal of said voltage source and of said primary windings, further said switching circuit consists of the emitter-collector-section of a switching transistor, on the base of said switching transistor the output of a transistor amplifier is connected and the input of said transistor amplifier is coupled with the output of a control circuit, characterised in that between said input [18] and the output of said control circuit [16] two serial connected first and second resistors [17a] and [17b] are inserted and the common terminal of said resistors [17a] and [17b] are connected to the emitter-collector-section of a first transistor [24], to the base of said first transistor [24] a voltage divider is connected, the branch [25] of which standing on the collector side is divided and connected to said voltage source [7], between the dividing point of said branch [25] and the common terminal of said second primary winding [3] of said transformer [1] and of said switching transistor [14] a capacitor [26] is inserted, the resistor [27] of said voltage divider inserted on the emitter side is connected to a current sensing resistor [28], which is in series with the emitter-collector-circuit of said switching transistor [14].



Int. CLASS : C 08 f 12/26

165452

25 Claims

A PROCESS FOR RECOVERING CHITIN FROM MATERIALS IN WHICH CHITIN OCCURS TOGETHER WITH OR CONNECTED TO PROTEINACEOUS SUBSTANCES.

Applicant : MATRON RADGIVENDE INGENIÖR-FIRMA A/S, No. 45 GENERATORVEJ, DK-2730 HERLEV, DENMARK.

Inventor : JOENSEN, JON OLAVUR.

Application No. 284/Cal/1986 filed April 11, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A process for recovering chitin from material wherein chitin is present together with or connected to proteinaceous substances by demineralization with an acid and removal of protein by utilizing the proteolytic effect of fish viscera, characterized in that :

- (a) an aqueous suspension is produced comprising the optionally minced chitin containing material such as herein described and the fish viscera which have possibly been pre ensiled optionally in presence of an antioxidant ensuring that the fish viscera or the silage prepared therefrom act on the shells at a pH of 1.2 to 2.5 preferably 1.5 to 2.5, or the viscera have previously been ensiled at such a pH;
- (b) the suspension is heated at a temperature between 25 to 50°C for a period between a few hours and four days, preferably 1/2 to 3 days; and
- (b) (i) optionally a partial neutralization and heating of the suspension at 80 to 85°C to inactivate enzymes therein and to decrease the viscosity, is performed.
- (c) the suspension is separated by the process as described herein to obtain at least (i) an aqueous phase containing dissolved hydrolyzed, protein, and (ii) a sludge fraction containing the chitin substantially without proteins and mineral substances.

Compl. specn. 14 pages

Drg. Nil

Int. CLASS : C 07 k 15/00, 99/00

165453

A PROCESS FOR THE PREPARATION OF NEW POLYPEPTIDES BY BIOSYNTHESIS.

Applicant : BIOTECHNOLOGY AUSTRALIA PTY. LTD., OF 28 BARCOO STREET, ROSEVILLE, NEW SOUTH WALES 2069, AUSTRALIA; MONASH UNIVERSITY, OF CLAYTON, VICTORIA 3168, AUSTRALIA; MONASH MEDICAL CENTRE, OF ST. KILDA ROAD, MELBOURNE, VICTORIA 3004, AUSTRALIA; AND ST. VINCENT'S INSTITUTE OF MEDICAL RESEARCH, OF 41 VICTORIA PARK, FITZROY, VICTORIA 3065, AUSTRALIA.

Inventors : (1) ROBERT GREGORY FORAGE, (2) ANDREW GEORGE STEWART, (3) DAVID MARK ROBERTSON, (4) DAVID MORTZ DE KRETZER.

Application No. 302/Cal/1986 filed April 17, 1986.

Convention dated 18th April, 1985 (No. PH 0194); 6th September, 1985 (No. PH 2320); 29th September, 1985 (No. PH 3157); 19th December, 1985 (No. PH 3960); 20th December, 1985 (No. PH 3961). (All are AUSTRALIA).

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

A process for the preparation of new polypeptides, such as herein described by biosynthesis which process comprises :

producing by methods known *per se*, a recombinant DNA molecule corresponding to or capable of expression inhibin and comprising a DNA insert encoding all, part, analogue, homologue, subunit or precursor of inhibin or a molecule displaying similar immunological or biological activity to inhibin and a cloning vehicle such as herein described by means of inserting, by methods known *per se* said DNA insert into said cloning vehicle;

transforming, by methods known *per se*, a host such as herein described, with said recombinant DNA molecular so that said host is capable of expressing a polypeptides which comprises all, part, an analogue, homologue subunit or a molecule displaying biological activity to inhibin;

culturing, by methods known *per se*, said transformant host; and

collecting, by methods known *per se*, said polypeptides.

Compl. specn. 85 pages

Drg. 27 sheets

CLASS : 196 A, C

165454

Int. CL : F 24 f 11/00, 13/00, 7/00, 7/06.

AIR VENTILATOR.

Applicant : BYUNG EUN YOO, OF 616-5, DAEM-YUNG-DONG, NAM-KU, DAEGU-SI, KOREA.

Inventors : BYUNG EUN YOO.

Application No. 305/Cal/1986 filed April 18, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

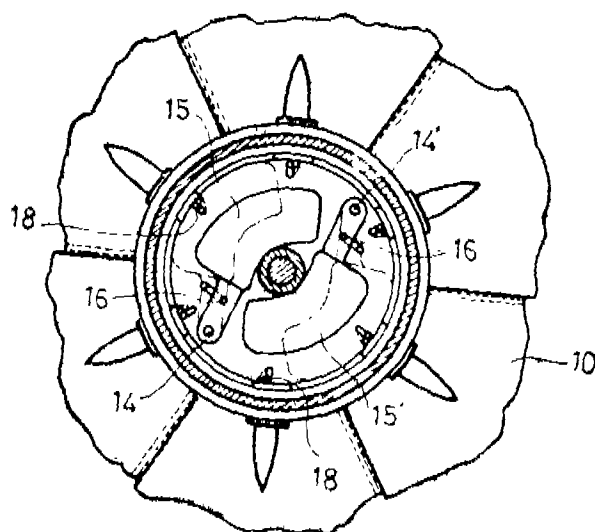
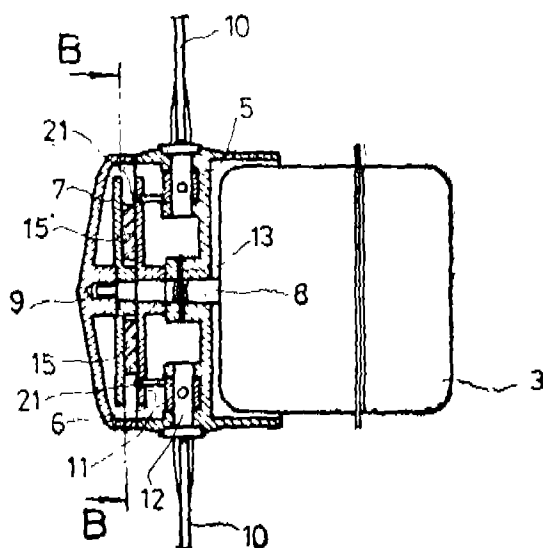
An air ventilator for ventilating indoor air to the environment, the ventilator comprising :

- a motor provided with a shaft;
- a rotor mounted on the shaft;
- a plurality of fan blades pivotally attached to the rotor;
- a first circular plate rotatably mounted to the shaft;
- a second circular plate fixedly mounted to the shaft for rotation therewith;

centrifugal weight members disposed between the first and second circular plates;

cam means operatively connecting the centrifugal weight members between the first and second circular plates and bias spring means acting on the centrifugal weight members, the arrangement being such that when the motor is operating the centrifugal weight members are moved outwards actuating the cam means to rotate the first circular plate relative to the second circular plate to rotate the fan blades to an operative position and when the motor is not operating the bias means moves the centrifugal weight members and first plate back to their original positions thereby rotating the fan blades to a

non-operative, closed position and closing the air-passages the fan blades.



Compl. specn. 9 pages

Drg. 3 sheets

Int. CLASS : H 01 h 36/00

165455

CONTROL DEVICE FOR AN ELECTROMAGNETIC SWITCHGEAR

Applicant : SIEMENS AKTIENGESellschaft, OF WITTELSBACHERPLATZ 2, D-8000. MUNCHEN 2, WEST GERMANY.

Inventors : (1) WERNER HARBAUER. (2) JOHANN SEITZ.

Application No. 338/Cal/1986 filed April 30, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

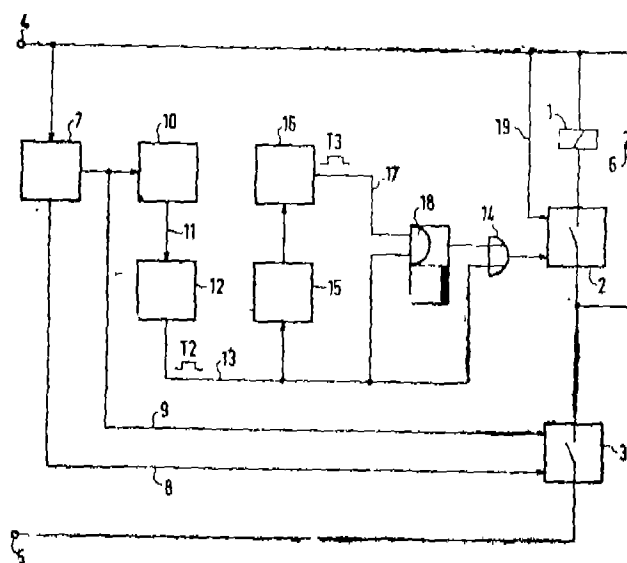
A control device for electromagnetic switchgear having a switchgear hysteresis, controlled by a control voltage comprising :

an actuating coil having a first end connected to said control voltage and a second end;

a switching element having an OFF command input an ON command input and switching poles connected in series to the second end of said actuating coil, said control voltage being connected to the ON inputs;

means for applying a first OFF order of a predetermined period T_2 to said switching element if the control voltage drops below a switch-off threshold for the duration of a preset time period T_1 ; and

means responsive to the first OFF order for initiating a verification period having a set period T_3 , wherein a second OFF order is applied to said switching element if said means for applying a first OFF order supplies an OFF order to said switching element during the verification period.



Compl. specn. 12 pages

Drg. 3 sheets

Int. CLASS : H 041 1/22

165456

ON LINE SERIAL COMMUNICATION INTERFACE FROM A CURRENT LOOP TO A COMPUTER AND/OR TERMINAL.

Applicant : THE BABCOCK & WILCOX COMPANY, AT 1010 COMMON STREET, P.O. BOX 60035, NEW ORLEANS LOUISIANA 70160. U.S.A.

Inventors : (1) EDWARD LEE STERLING JR. (2) WILLIAM LEE THOMPSON.

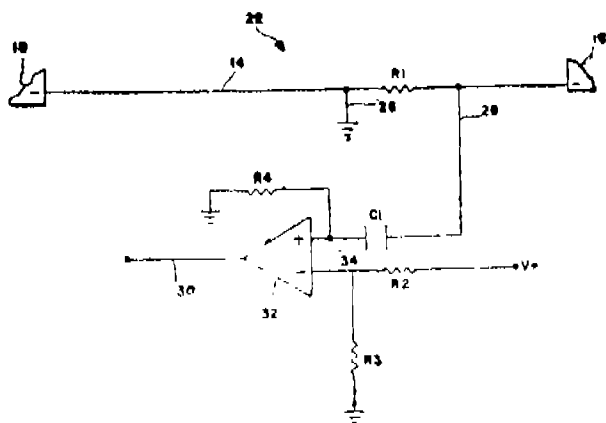
Application No 341/Cal/1986 filed April 30, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An on-line serial communication interface for communication between a transmitter of a current loop and a digital circuit for receiving voltage pulses, the transmitter being connected by the current loop to a power supply to drain current from the power supply according to a process variable sensed by the transmitter and the transmitter being capable of pulsing the current on the current loop comprising :

- a resistor serially connected in said current loop for establishing voltage pulses which varies with the current pulses from the transmitter;
- a capacitor serially connected to the current loop for receiving the pulses; and
- a comparator having an output and two inputs, one of said inputs being connected to said capacitor for receiving voltage pulses and the other of said inputs being connected to a selected small voltage, said comparator generating voltage pulses on its output which are synchronized with the voltage pulses in the current loop, said output of said comparator being connected to the digital circuit for applying the voltage pulses to the digital circuit.



Compl. specn. 10 pages

Drg. 1 sheets

CLASS : 85-J

165457

Int. CLASS : F 27 d 3/00, 17/00.

METHOD AND APPARATUS FOR MELTING A METAL MATERIAL.

Applicant : FRIED KRUPP GESELLSCHAFT MIT BESCHRANKTER HAFTUNG ALTENDORFER STRASSE 103, D-4300 ESSEN 1, F.R. OF GERMANY.

Inventor : PETER MEIERLING.

Application No. 431/Cat/1986 filed June 10, 1986.

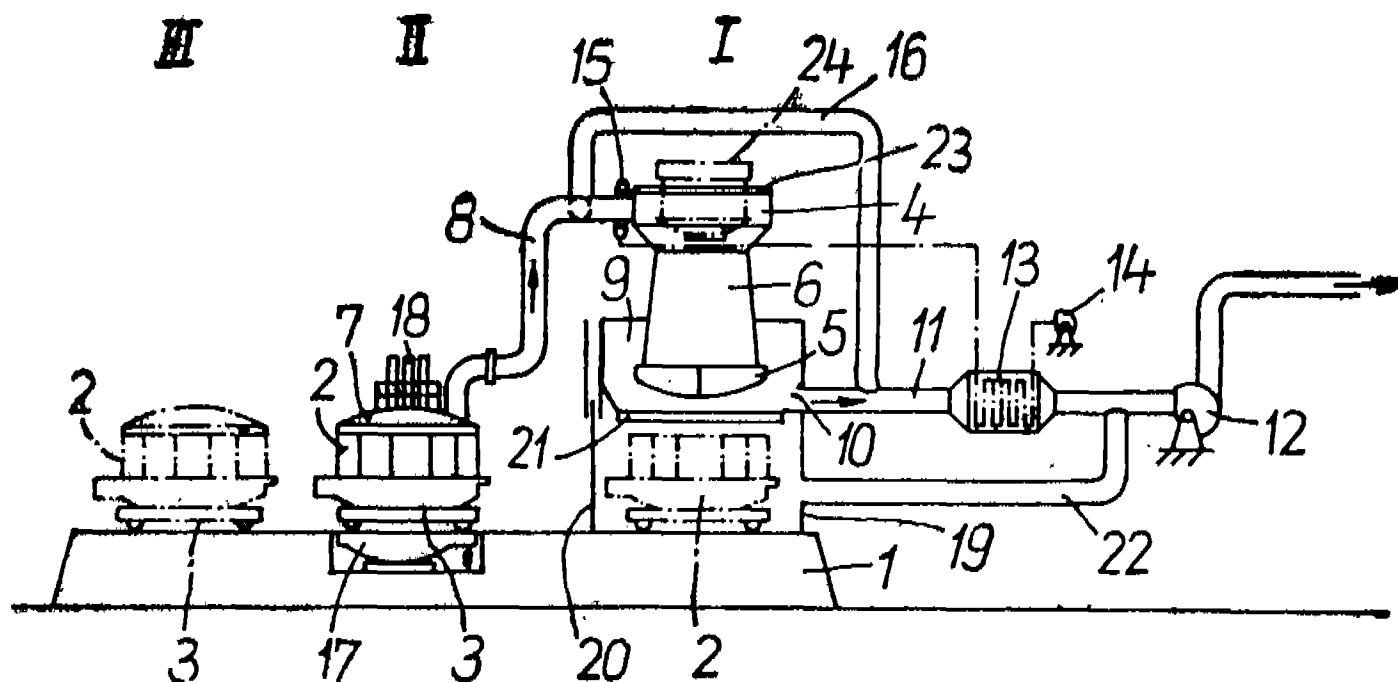
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

40 Claims

A method of melting a metal material in a melting furnace provided with at least one melting vessel comprising directly pre-heating the material with exhaust gases of the melting furnace in at least one pre-heating vessel which can be emptied into the melting furnace, discharging the heated material from the pre-heating vessel into the melting vessel and melting the heated material in the furnace, the improvement wherein :

said steps of pre-heating and melting comprise placing said pre-heating and melting vessels in a respective first position; melting a first quantity of the material in the melting vessel in the melting furnace which simultaneously pre-heating a second quantity of the material in the pre-heating vessel by supplying the exhaust gases from the melting furnace to the pre-heating vessel; and removing the melted first quantity of material from the melting vessel; and

said step of discharging comprises, effecting a first relative movement between said pre-heating and melting vessels to bring said pre-heating vessel above said melting vessel, then discharging the pre-heated second quantity of material into the melting vessel, and then effecting a second relative movement for placing the vessels in the respective first position and wherein the melting vessel is movable and the pre-heating vessel is stationary.



Compl. specn. 29 pages

Drg. 4 sheets

Int. CLASS : C 10 b 33/12

165458

PROCESS FOR MANUFACTURING HIGH PURITY SILICA.

Applicant : (1) NITTO CHEMICAL INDUSTRY CO. LTD., OF 5-1, MARUNOUCHI-1-CHOME, CHIYODA-KU, TOKYO, JAPAN; AND (2) MITSUBISHI RAYON CO. LTD., OF 3-19, KYOBASHI-2-CHOME, CHUO-KU, TOKYO, JAPAN.

Inventors : (1) KOICHI ORII, (2) MASASHI NISHIDA, (3) JUNSUKE YAGI, (4) IWAO OHSHIMA.

Application No. 454/Cal/1986 filed June 18, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims

A process for manufacturing high purity silica having an alkali metal content of 0 to 10 ppm, a chlorine content of 0 to 3 ppm and a uranium content of 0 to 3 ppm, said process comprising :

- (1) a step of extruding an aqueous solution of an alkali silicate represented by the general formula :



wherein M is an alkali metal element and n is a number of moles of SiO_2 of 0.5 to 5, into a coagulating bath comprising a coagulant at least one selected from the group consisting of water soluble organic medium and acid solution having a concentration of 4N or less through a spinning nozzle having a bore diameter of 1 mm or less to coagulate the same, and thereby making the same into a fibrous gel, said aqueous solution having a viscosity in the range of 2 to 500 poise,

- (2) a step of treating the fibrous gel obtained with a known acid-containing solution, and then washing the same with water to extract impurities and when desired,

- (3) further a step of heating the resulting silica at a temperature of 1,000 to 1400°C.

Compl. specn. 54 pages

Drg. Nil

Int. CLASS : B 01 f 3/14

165459

MACHINE FOR MIXING PARTICULATE MATERIALS.

Applicant : HALVOR FORBERG, OF HAGABAKKEN 2, HEGDAL, N-3250, LARVIK, NORWAY.

Inventor : HALVOR FORBERG.

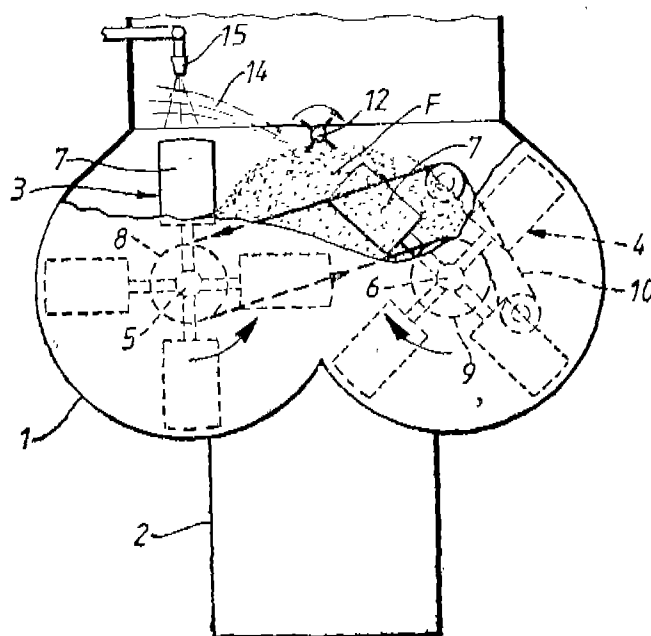
Application No. 483/Cal/1986 filed June 25, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A machine for mixing particulate materials in order to add liquid, specially adhesive, substances to the particles during the mixing operation, comprising a mixing chamber for receiving particles therein, means for producing a particulate curtain within the said chamber, means, such as herein described provided in the said chamber, for adding of the liquid substance to said curtain of particles, and a

rotatable throwing roller adjustably mounted in the said chamber such that the throwing roller is adapted to be in contact with the said particles during the mixing operation, for throwing a fog or curtain of particles upwards.



Compl. specn. 7 pages

Drg. 1 sheet

CLASS : 167-E

165460

Int. Cl. : B 07 b 1/28.

SCREENING MACHINE.

Applicant : HEINZ LEHMANN AG., OF FICHTENSTR. 75, D-4000 DÜSSELDORF, WEST GERMANY.

Inventor : KURT HOPPE.

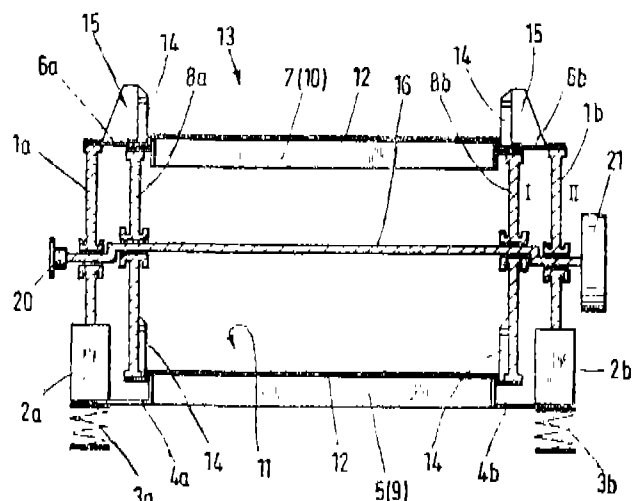
Application No. 498/Cal/1986 filed July 03, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

Screening machine with two systems of movement (I), (II) executing circular oscillations by means of, at least one eccentric shaft, the outer system of movement (II) and the inner system movement (I) each consisting of frames separated from one another or each consisting of two side cheeks (1a, 1b, 8a, 8b) with crossmembers (5, 7, 9, 10) fastened parallel to one another at regular intervals between the frames or side cheeks of each system the crossmembers are arranged substantially perpendicularly relative to the side cheeks and transversely relative to the conveying direction of the screening material, the crossmembers lying in a screening plane and belonging to the two systems (I, II) being arranged alternately and being driven by the systems in such a way that the elastic screen-lining sections (12) located between the crossmembers and fastened to these are alternately stretched and compressed.

characterized in that each eccentric shaft (16, 17) is mounted solely in the two systems of movement (I, II).



Compl. specn. 8 pages

Drg. 3 sheets

REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 3. No. 160787. MOHAMED ALI KHAN, Indian National, Sole Proprietor of HI-BRIGHT CHEMICAL CO., of 11, Kathbada 3rd Lane, Old Washermanpet, Madras 600021, Tamil Nadu, India. "a Container". 6th March, 1989.

Class 3. Nos. 160942 to 160946 & 160948 & 160949. Bata India Limited, 30, Shakespeare Sarani, Calcutta 700 017, West Bengal, India. "a sole for the footwear". 3rd May, 1989.

Class 3. Nos. 160951 to 160953, and 160955 to 160957. Bata India Limited, 30, Shakespeare Sarani, Calcutta 700017, West Bengal, India. "a sole for the footwear". 3rd May, 1989.

Class 3 No. 160991. THE BOMBAY OIL INDUSTRIES LIMITED, (an Indian Company) at Kanmoor House, 281-87 Narsi Natha Street, Bombay-400 009, State of Maharashtra, India. "Container". 17th May, 1989.

Class 3 No. 161180. Bata India Limited, 30, Shakespeare Sarani, Calcutta 700 017, West Bengal, India. "a sole for the footwear". 11th July, 1989.

Class 3. No. 161203 to 161205, and 161207 to 161210. LA OPALA GLASS PRIVATE LIMITED, an Indian Company of 10th Floor, Chitrakoot, 230-A, A.J.C. Bose Road, Calcutta-700 020, West Bengal, India. "Plate". 20th July, 1989.

Class 8. Nos. 160066 to 160074. KARSONDAS EXPORTS, a Registered Partnership firm, carrying on business at 441-A/1, Shah & Nahar Indl. Estate, Sitaram Jadhav Marg, P.O. Bag No. 6306, Lower Parel, Bombay-400 013, Maharashtra, India. "Durries". 30th August, 1988.

Class 10. No. 161179. Bata India Limited, 30, Shakespeare Sarani, Calcutta 700 017, West Bengal, India.

"The footwear". 11th July, 1989.

Extended Copyright for the Second Period of five years

No. 154512. Class 1.

No. 154926. Class 3.

Extended Copyright for the Third Period of five years

No. 154512. Class 1.

No. 154926. Class 3.

R. A. ACHARYA
Controller General of Patents, Design
and Trade Marks

